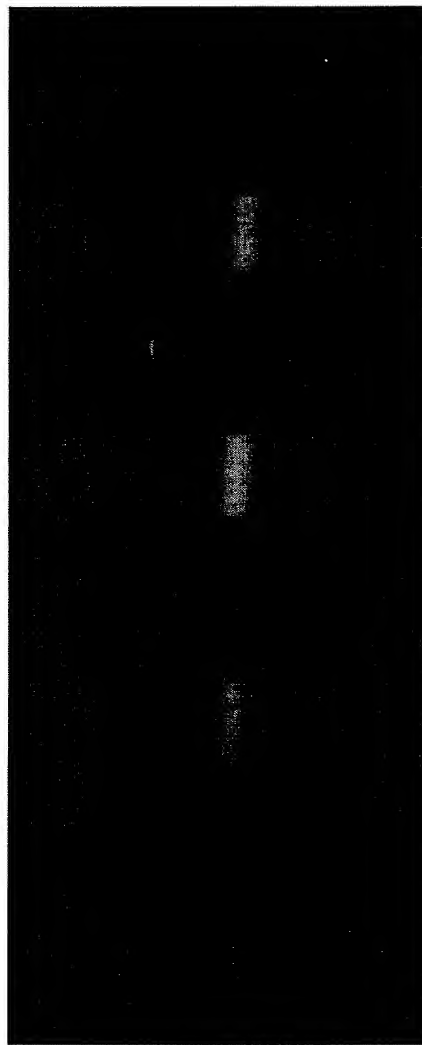


FIGURE 1

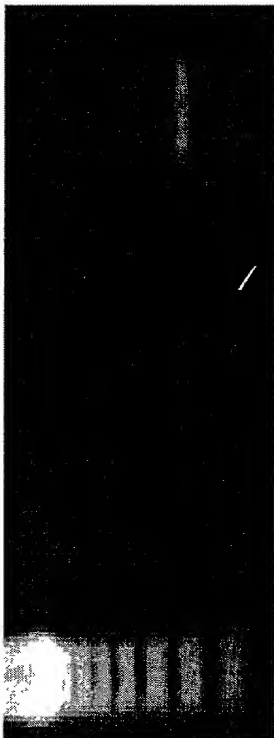
1 2 3 4 5 6 7 8



β -actin

FIGURE 2

1 2 3 4 5



IL-10

FIGURE 3

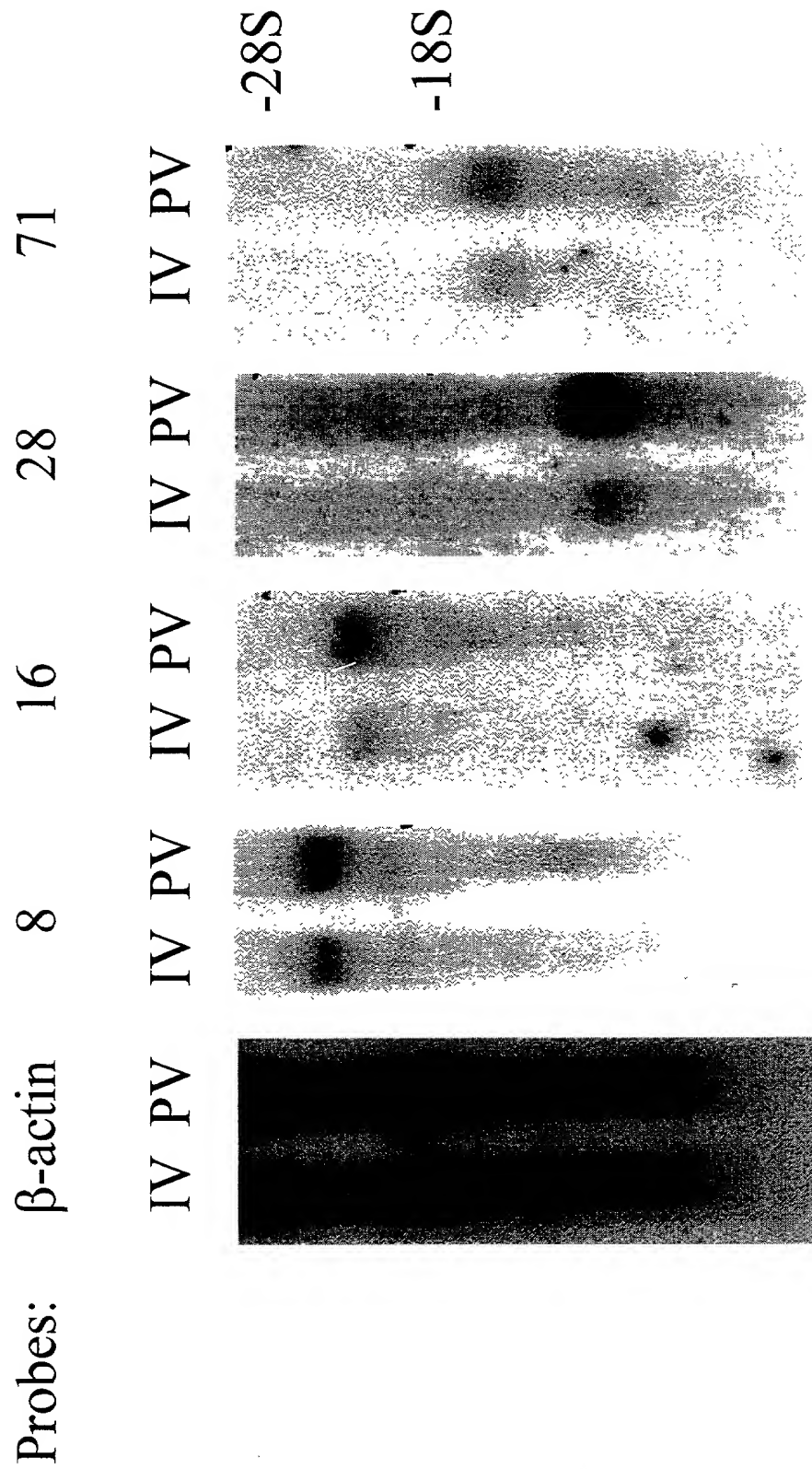


FIGURE 4

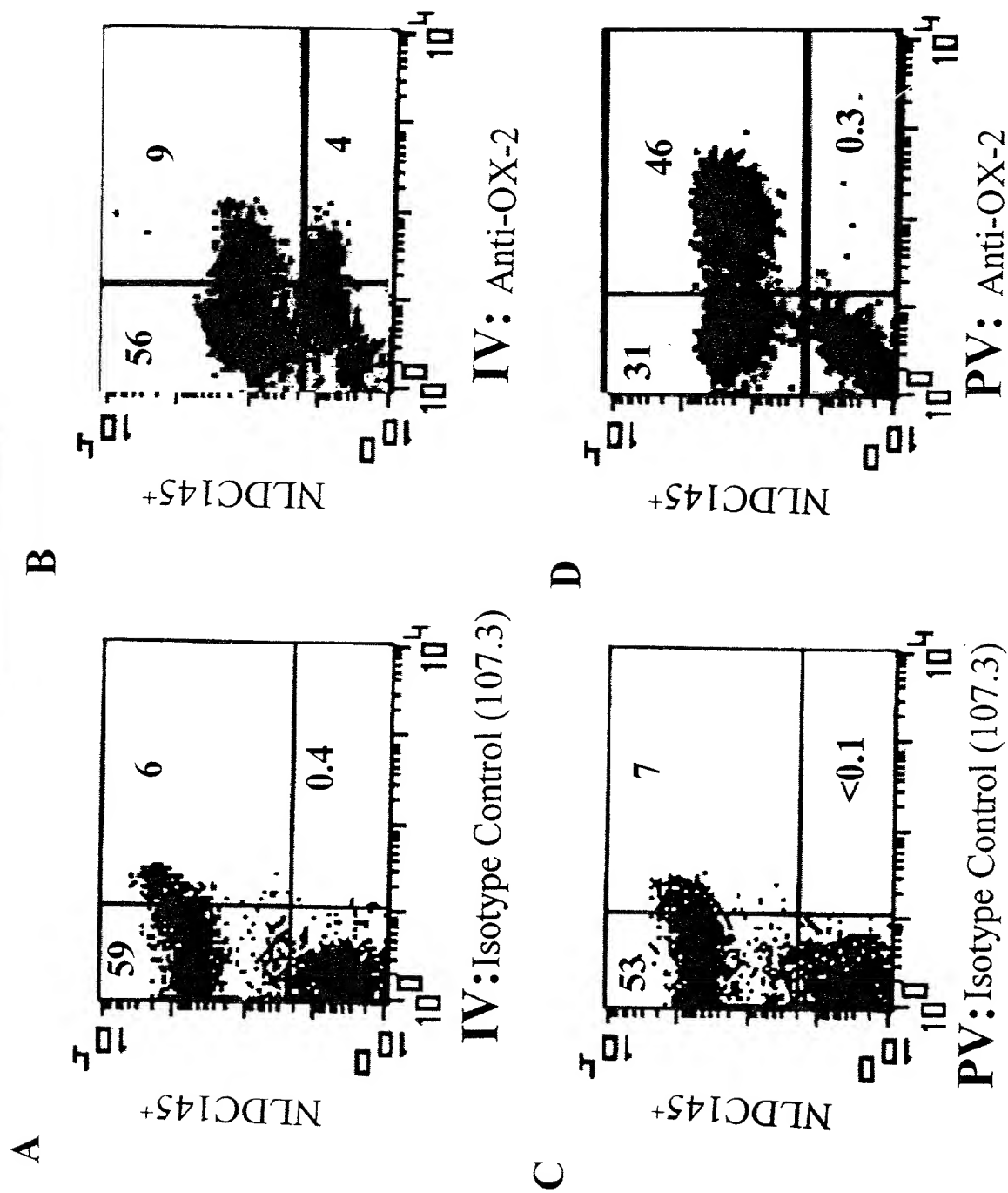


FIGURE 5A

1 2 3 4 5

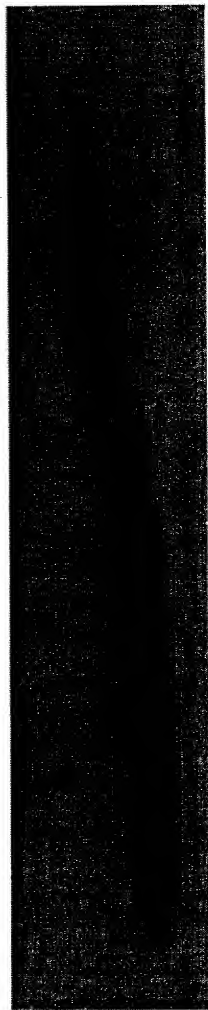


FIGURE 5B

1 2 3 4 5

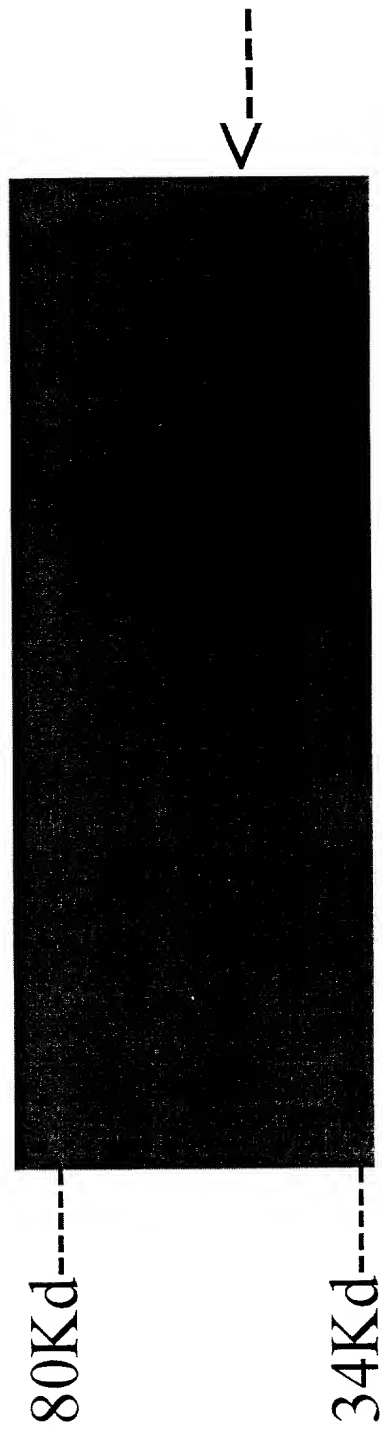


FIGURE 6

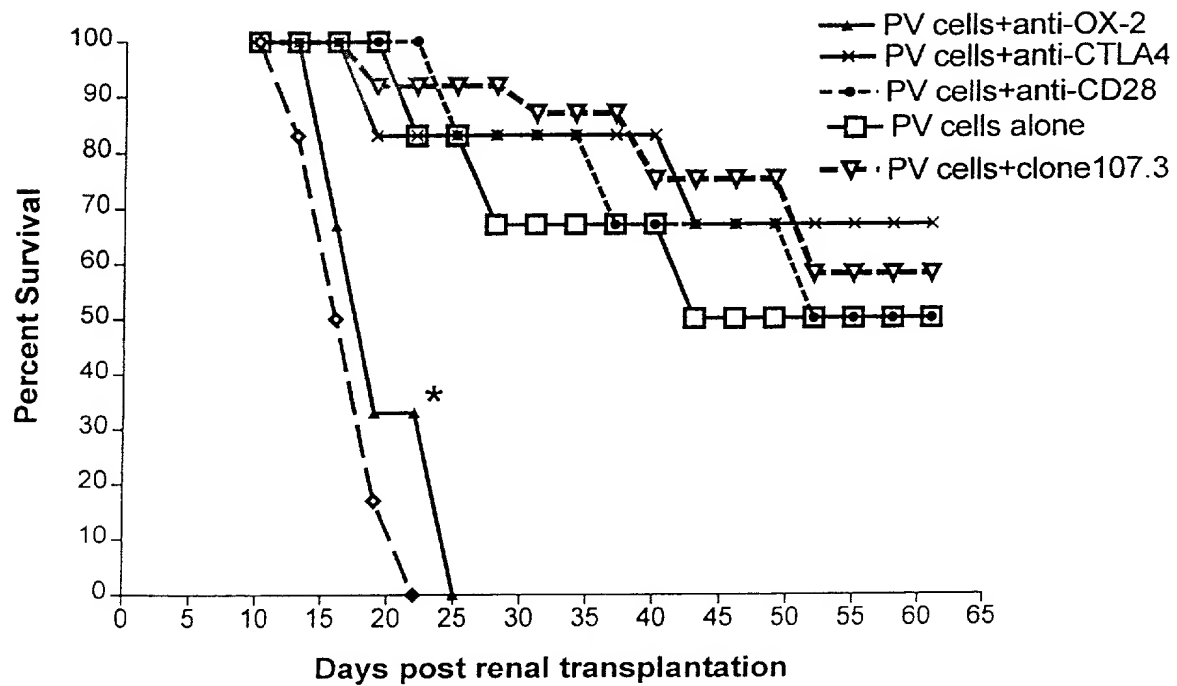


FIGURE 7

	Leader -----	
RAT	ATGGGCAGTCCGGTATTTCAGGAGACCTTTCTGCCATCTGTCCACCTACAGCCTGCTCTGGGCCATAG	67
MOU	-----T-----C-----A-T---G---	67
HUM	--GA-----TG---C---CT-----T-----G-T---T---G-	55
	 V-like domain -----	
RAT	CAGCAGTAGCGCTGAGCACAGCTCAAGTGGAAGTGGTGACCCAGGATGAAAGAAAGCTGCTGCACAC	134
MOU	-----GC-----	134
HUM	-----G-T---T-----A-----C-----A---T---	122
RAT	AACTGCATCCTTACGCTGTTCTCTAAAAACAACCCAGGAACCCCTTGATTGTGACATGGCAGAAAAAG	201
MOU	-----A-----T-----	201
HUM	-----T-----AAA-C-----GC---ATG-----G---C-C-----	189
RAT	AAAGCCGTAGGCCCAGAAAACATGGTCACTTACAGCAAAGCCCATGGGGTTGTCATTACAGCCACCT	268
MOU	-----GA-----C-----A-----A---C---TG---	268
HUM	-----T---A-----C-T---G-GAA-----G---G---C---TG---	256
RAT	ACAAAGACAGGATAAACATCACTGAGCTGGGACTCTTGAACACAAGCATCACCTTCTGGAACACAAC	335
MOU	-----TG---A-----G---T-----CA	335
HUM	-T-G---A-----T-CC-----C-A---T---C-----T-TC--	323
RAT	CCTGGATGATGAGGGTTGCTACATGTGTCTCTTCAACATGTTTGGATCTGGGAAGGTCTCTGGGACA	402
MOU	-A-T-GA---GA---C-----C-----T---CA-----A---A---	402
HUM	-----G---A---G---T-----T-CC-----T-T-----A---A---G	390
	 C-like domain -----	
RAT	GCTTGCCCTTACTCTCTATGTACAGCCCATAGTACACCTTCACTACAACCTATTTGAAGACCACCTAA	469
MOU	-----C-----	469
HUM	--C---C---CG-----TC-----A-TC-C-----	457
RAT	ACATCACGTGCTCTGCAACTGCCCGCCCAGCCCCCTGCCATCTCCTGGAAGGGCACTGGGTCAGGAAT	536
MOU	-----T-----G-----T-----A-----T-----A-----	536
HUM	-T-----T-----C-----CATGG---T-----T-C-C-----	524
RAT	TGAGAATAGTACTGAGAGTCACTCCCATTCAAATGGGACTACATCTGTCAACAGCATCCTCCGGGGTC	603
MOU	-----C-----T-----	603
HUM	---A-----A-T---C---TG---T---CC-----C---G-----T-----ATA--	591
RAT	AAAGACCCCAAACTCAGGTTGGAAAGGAAGTGATCTGCCAGGTTTTATACTTGGGGAATGTGATTG	670
MOU	-----	670
HUM	-----T---G-A-----G---G-----GC-GC---C-----C---CC-	658
	 Transmembrane region -----	
RAT	ACTACAAGCAGAGTCTGGACAAAGGATTTTGGTTTTTCAGTCCCACTGCTGCTGAGCATTGTTTCTCT	737
MOU	-----T-----T---A-----	737
HUM	---TT-----A-CCG-CA-----C-A-----T---G---AT---A-----C---	725
	 Cytoplasmic region -----	
RAT	GGTAATTCTTCTGGTCTTGATCTCCATCTTATTATACTGGAAACGGCACCGAAATCAGGAGCGGGGT	804
MOU	-----A-----C-----T-----	804
HUM	-----C---C-A---A---A---C-G-----T---G-----C---A---	792
RAT	GAGTCATCACAGGGGATGCAAAGAATGAAATAA	837
MOU	---A-----	837
HUM	---TG-----AG-T---A---C---	825

FIGURE 8

Leader sequence-----

-30 -1

RAT M G S P V F R R P F C H L S T Y S L L W A I A A V A L S T A

MOU -----L-----I---G-----

HUM - I - M - S - - - - V - - V M - - - - V - C - - -

|V-like domain (domain I) ----- *

RAT Q V E V V T Q D E R K L L H T T A S L R C S L K T T Q E P L

MOU -----A-----S-----

HUM ----Q-----E----Y-----K-----QNA----A--

31 **

RAT I V T W Q K K K A V G P E N M V T Y S K A H G V V I Q P T Y

MOU -----S-----T-----A--

HUM -----E N-----

61 ** **

RAT K D R I N I T E L G L L N T S I T F W N T T L D D G G C Y M

MOU -----V-----W--S-----H I G-----

HUM ----K-----Q-----Q---T-----I---E-----

91* ** |C-like domain (domain II)-----

RAT C L F N M F G S G K V S G T A C L T L Y V Q P I V H L H Y N

MOU -----T-----Q-----

HUM -----F G---I-----V-----S-----K

121 **

RAT Y F E H H L N I T C S A T A R P A P A I S W K G T G S G I E

MOU -----T-----T-----

HUM F S-----M V F-----V P R-----

151**

RAT N S T E S H S H S N G T T S V T S I L R V K D P K T Q V G K

MOU -----F-----

HUM -----V T L S--P-----H I-----N-----

181 * |Transmembrane region -----

RAT E V I C Q V L Y L G N V I D Y K Q S L D K G F W F S V P L L

MOU -----

HUM -----H---T--T--F---T V N---Y-----

211 |Cytoplasmic region -----

RAT L S I V S L V I L L V L I S I L L Y W K R H R N Q E R G E S

MOU -----I-----

HUM -----V-----D-----L

241

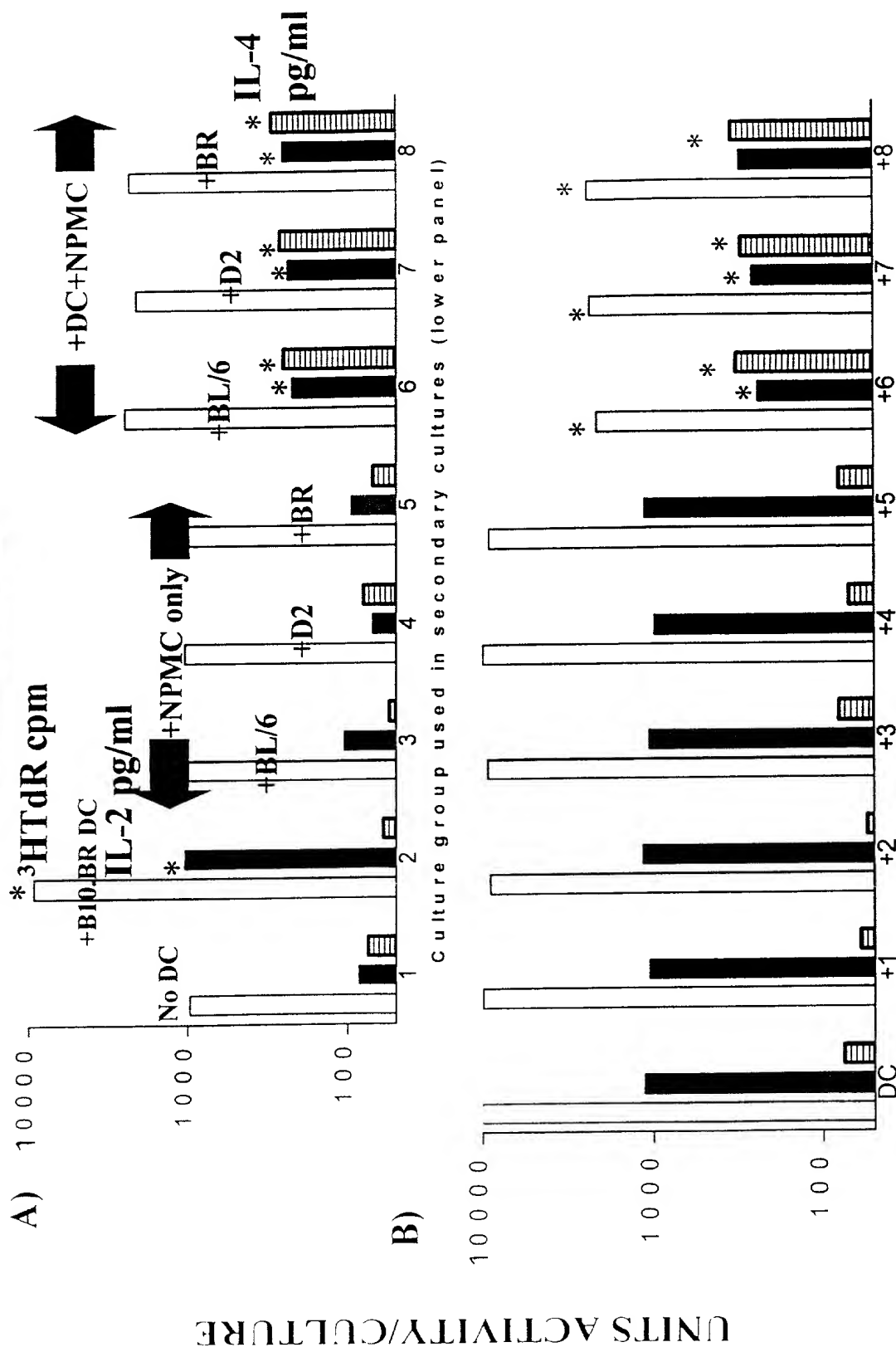
RAT S Q G M Q R M K

MOU -----

HUM -----V--K---T

* invariant cysteine residues. ** invariant asparagine (N-linked oligosaccharides)

FIGURE 9



CELLS added to C57BL/6 RESPONDER SPLEEN CELLS

FIGURE 10

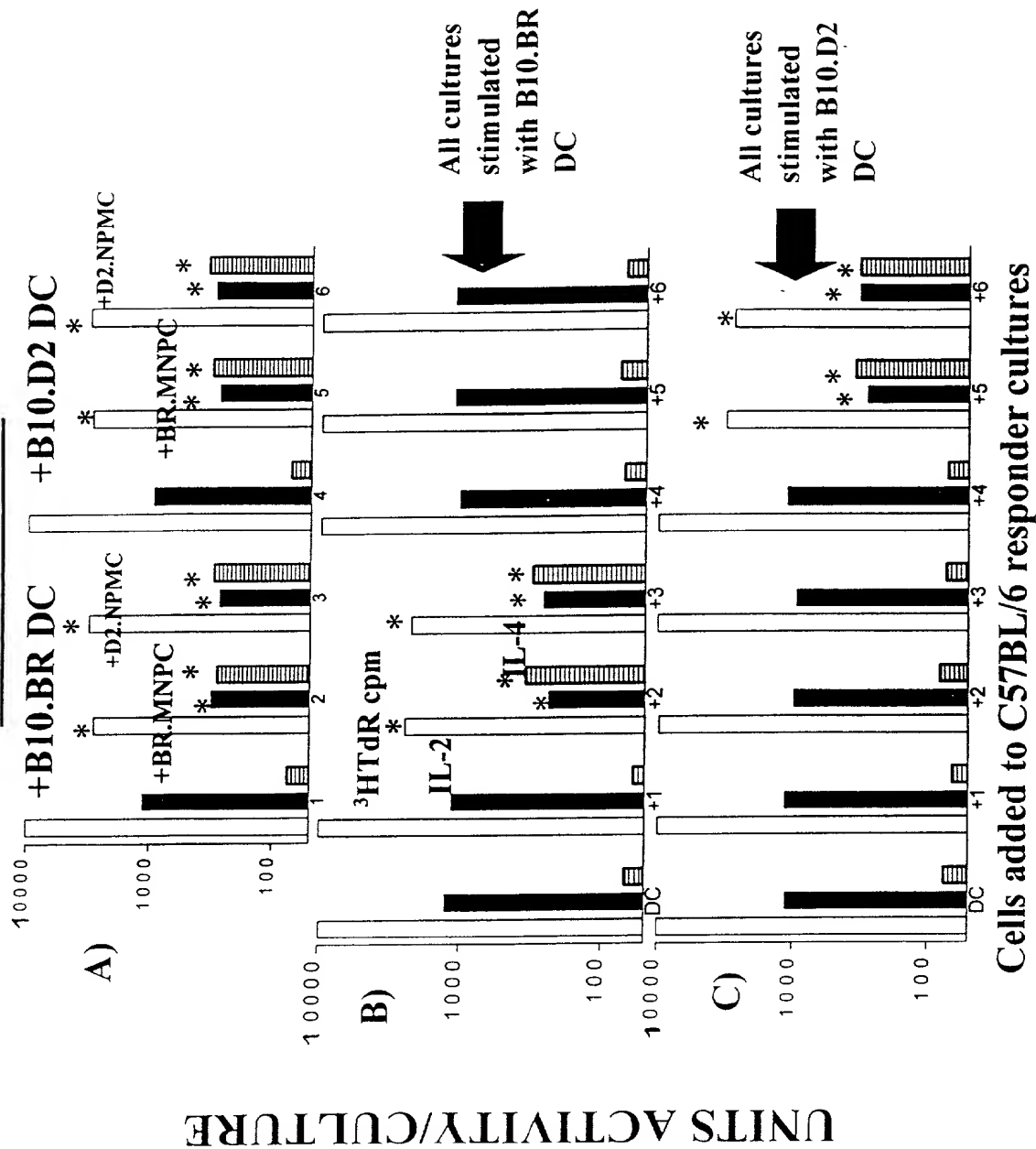
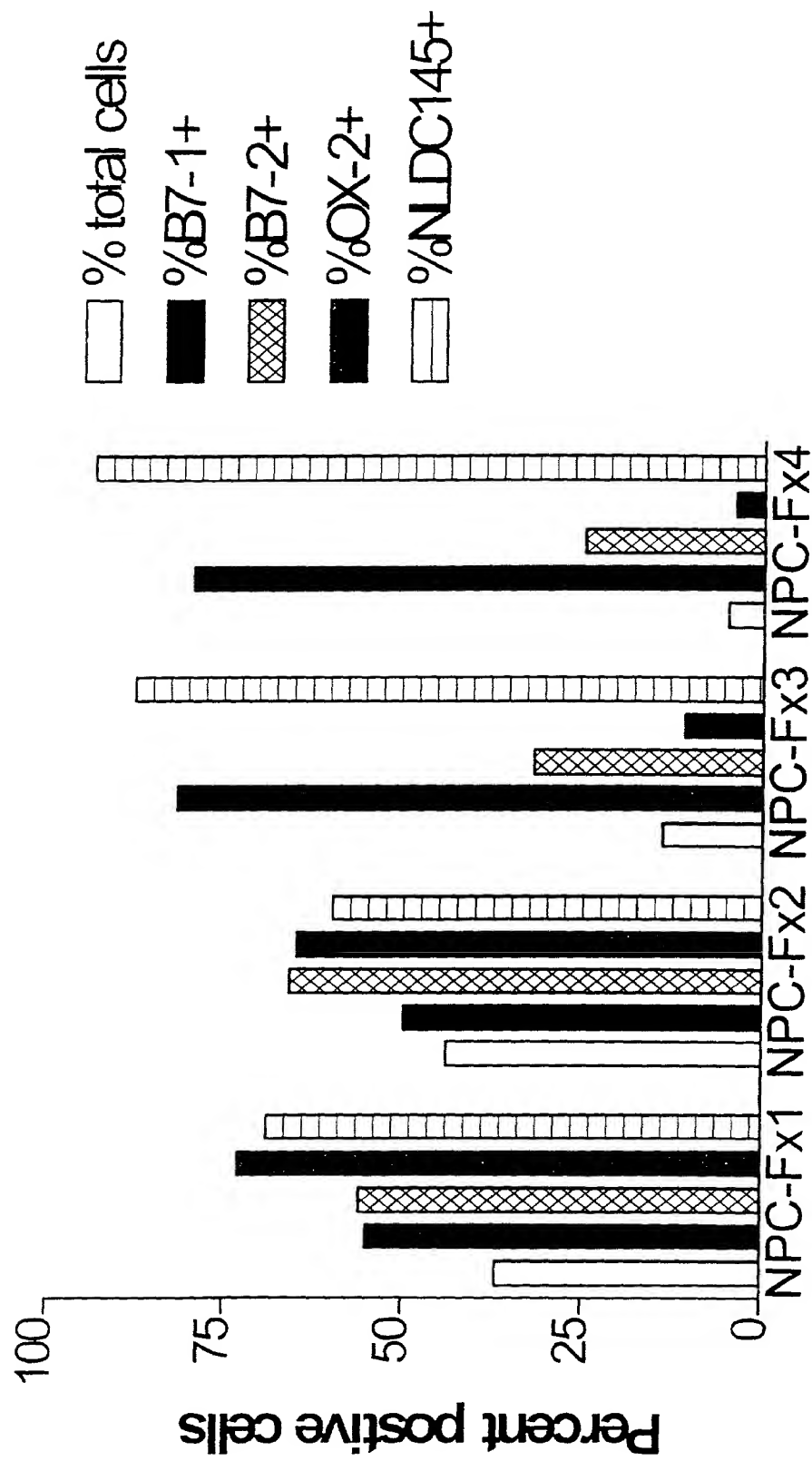


FIGURE 11



NPC from Flt3 treated mice

FIGURE 12

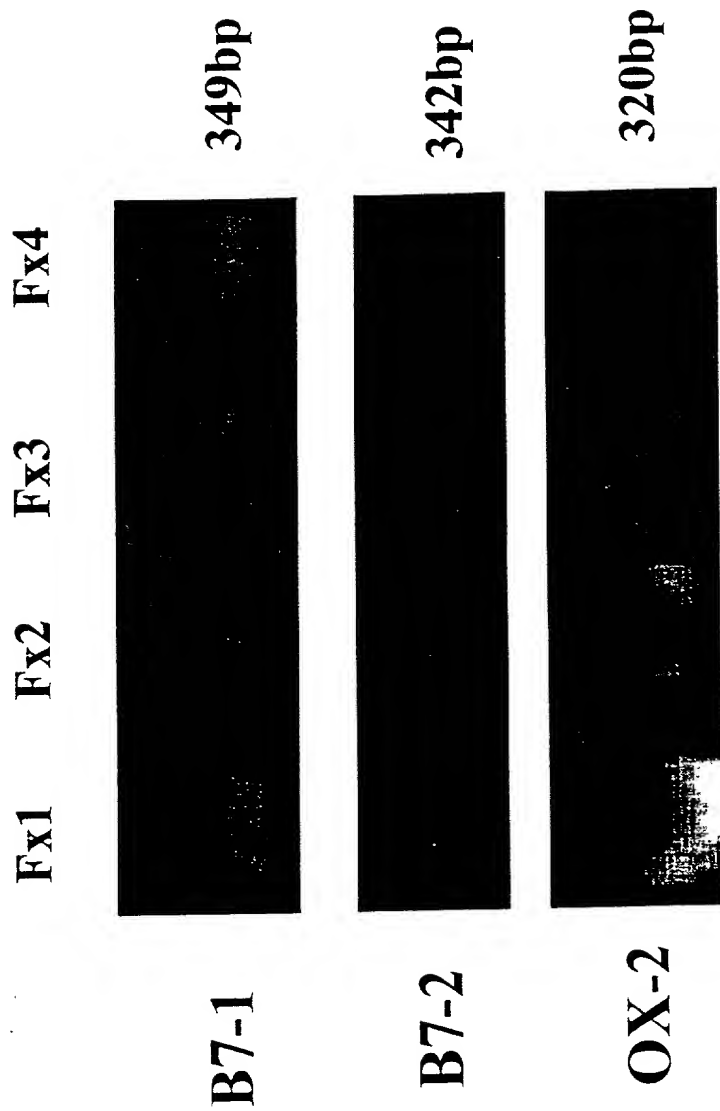
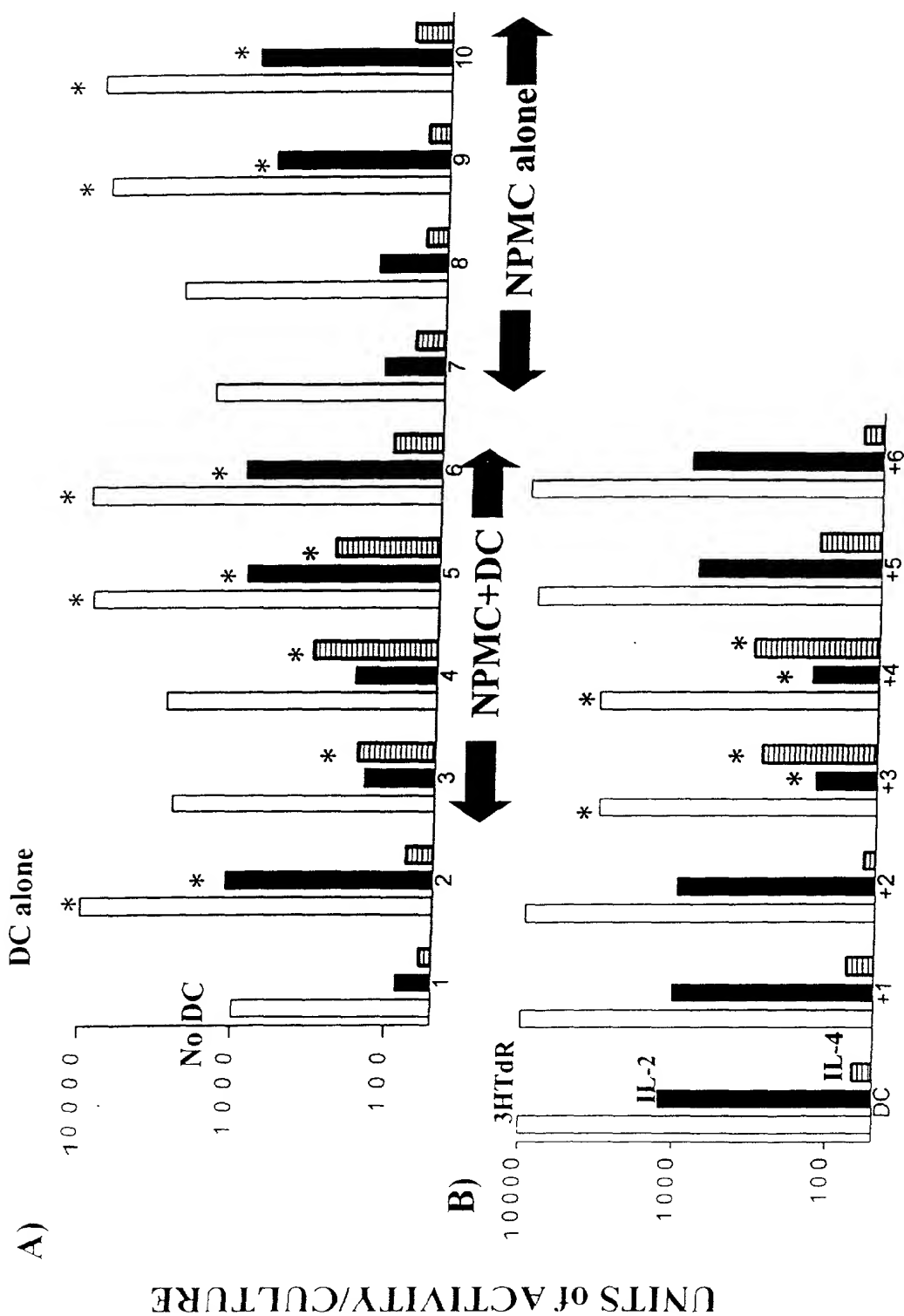


FIGURE 13



CELLS added to C3H RESPONDER SPLEEN CELLS

FIGURE 14

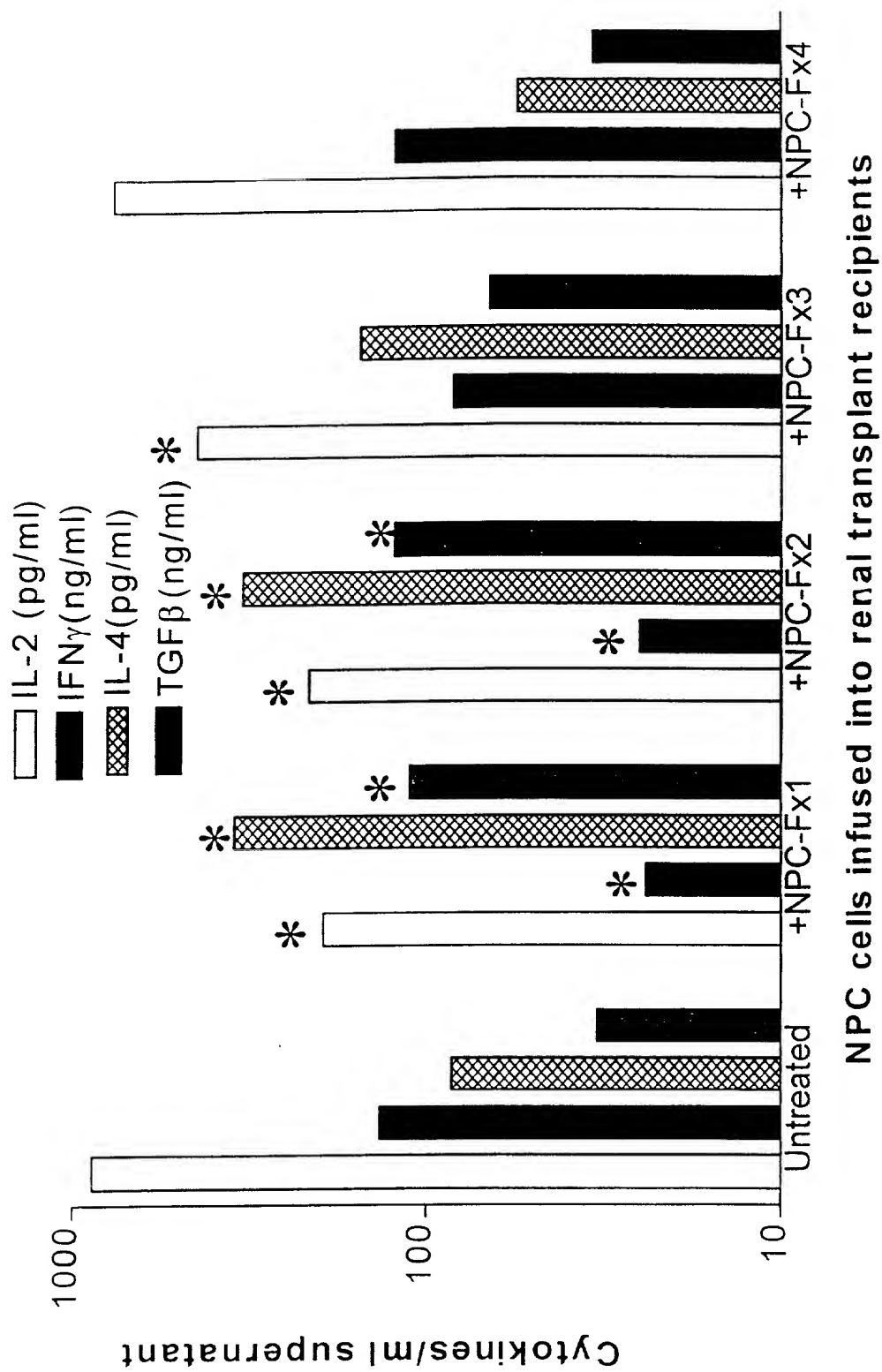


FIGURE 15

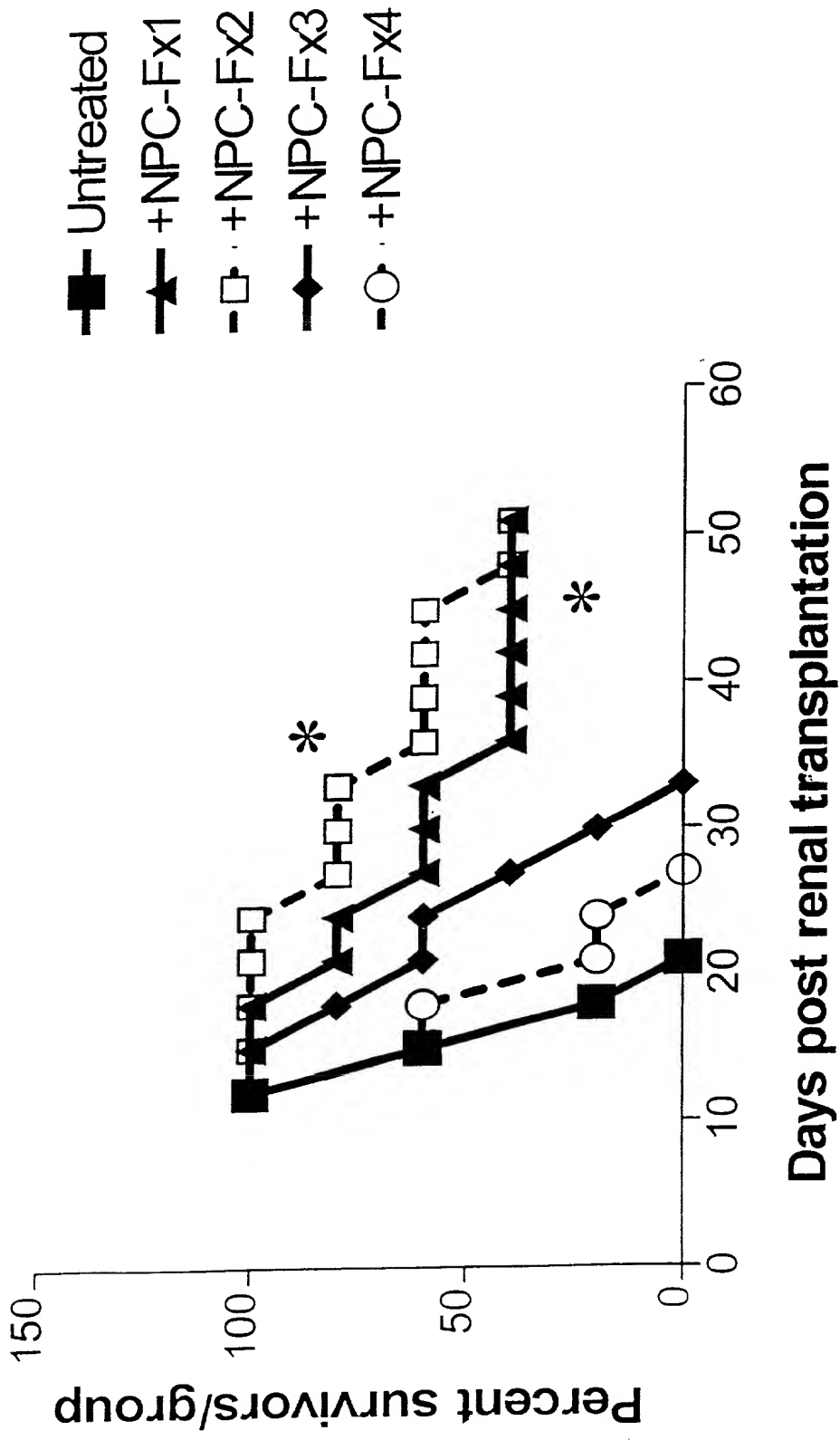


FIGURE 16

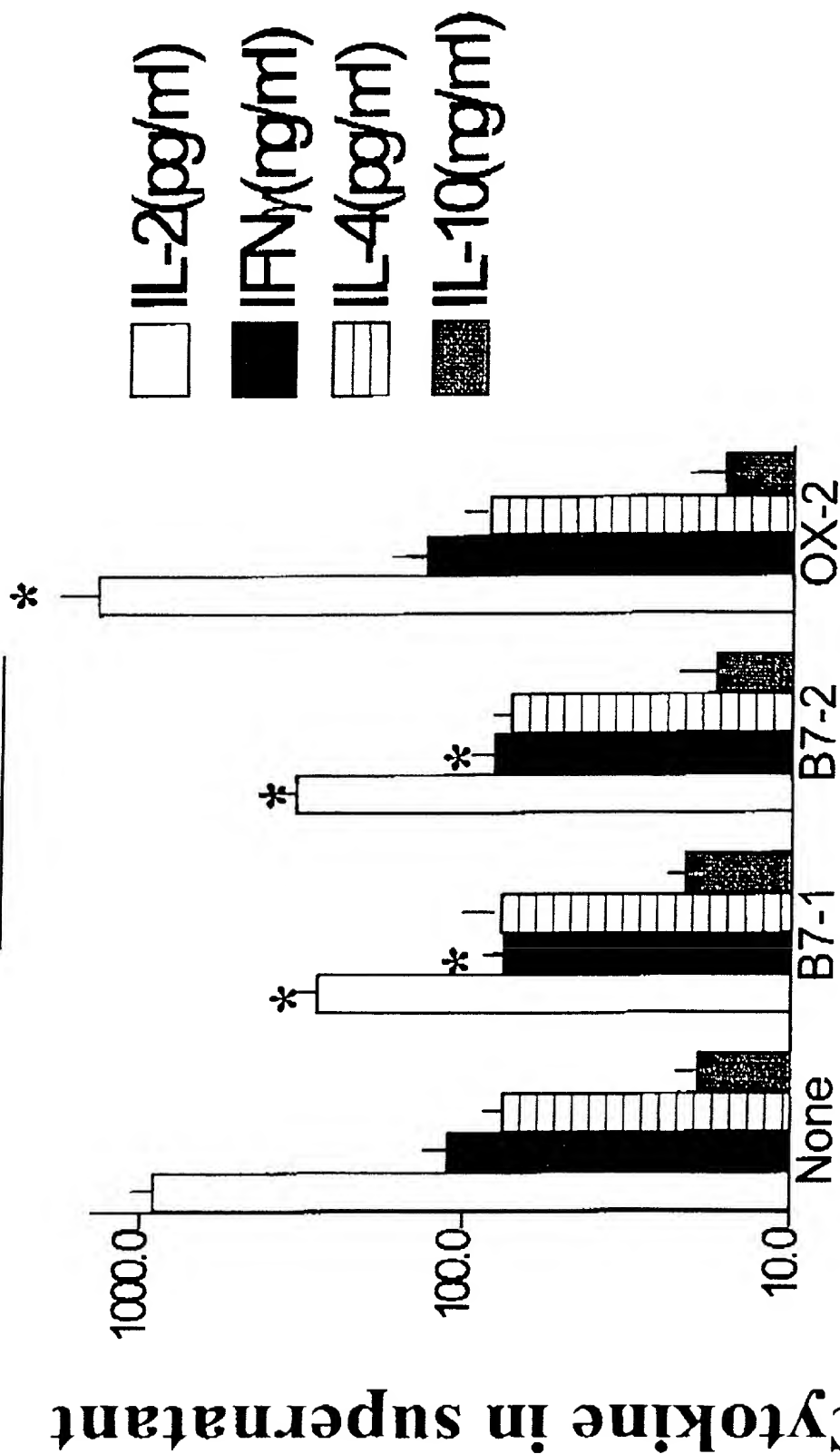


FIGURE 17

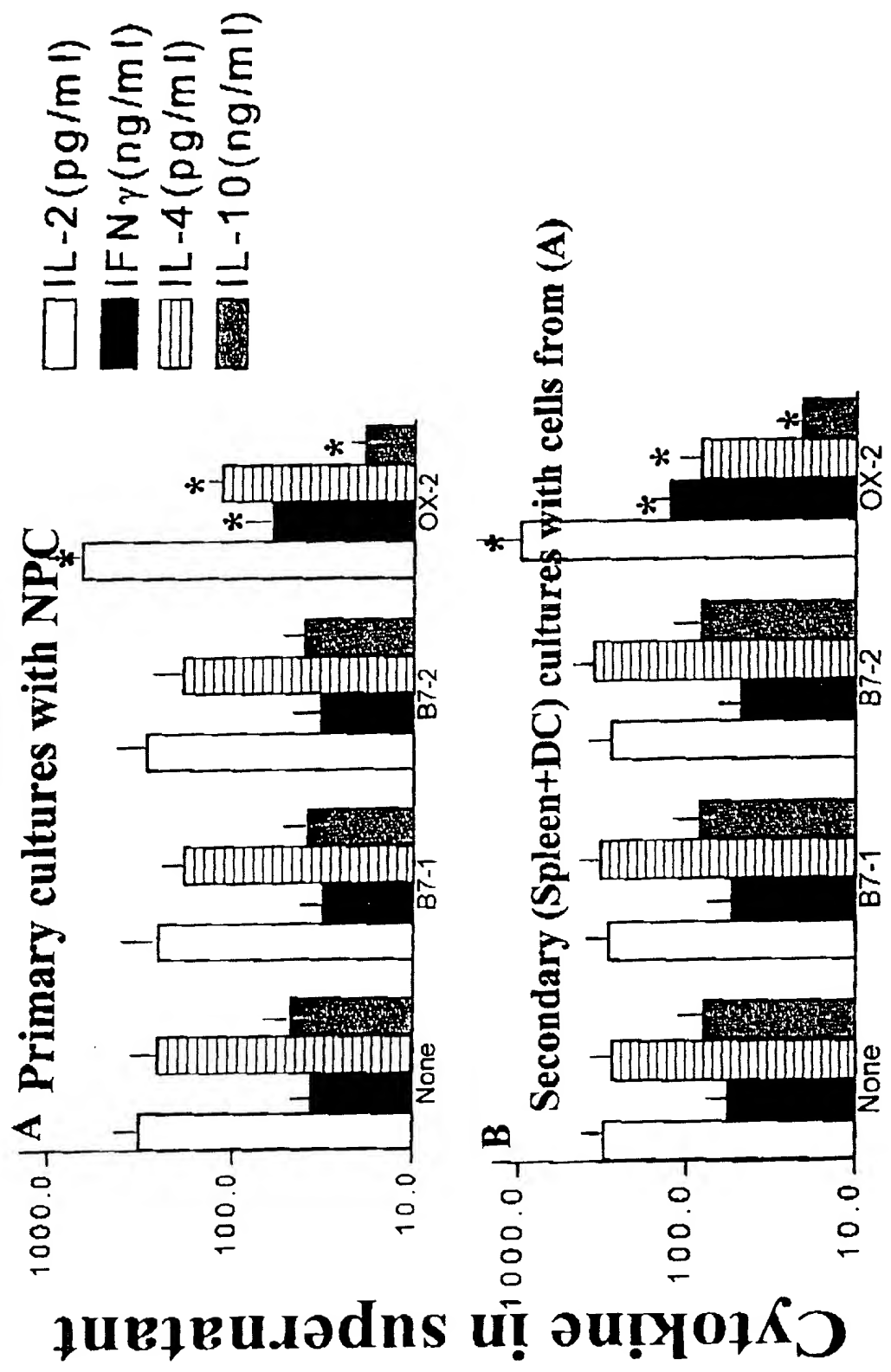


FIGURE 18A

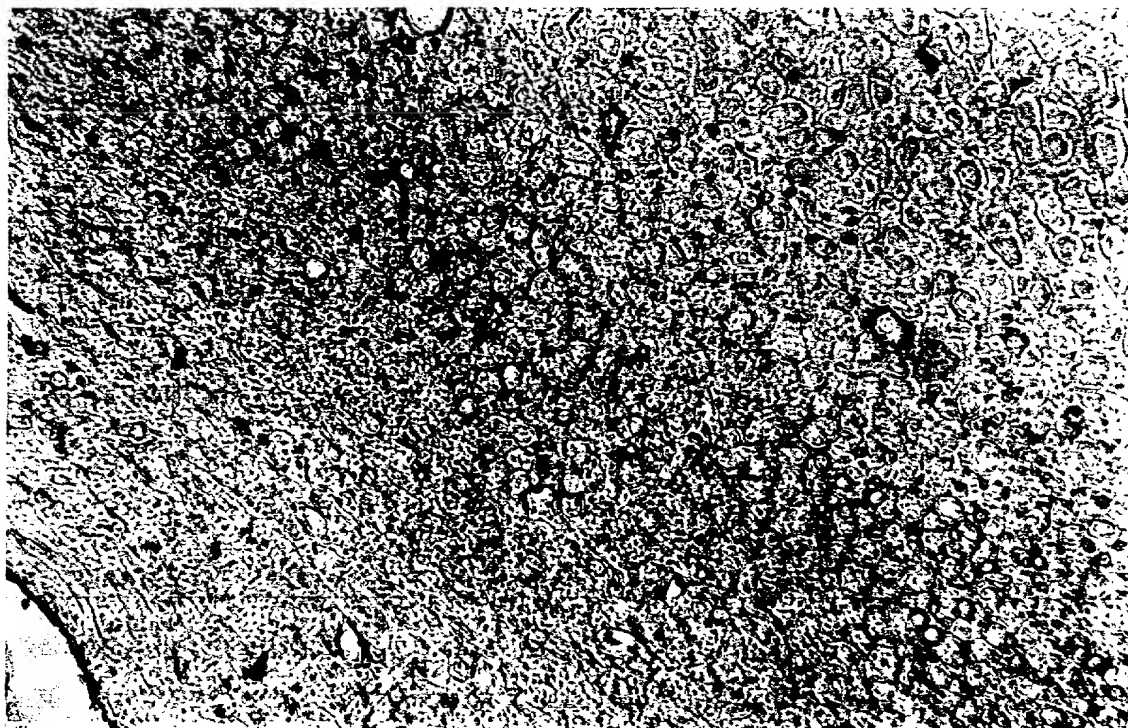


FIGURE 18B

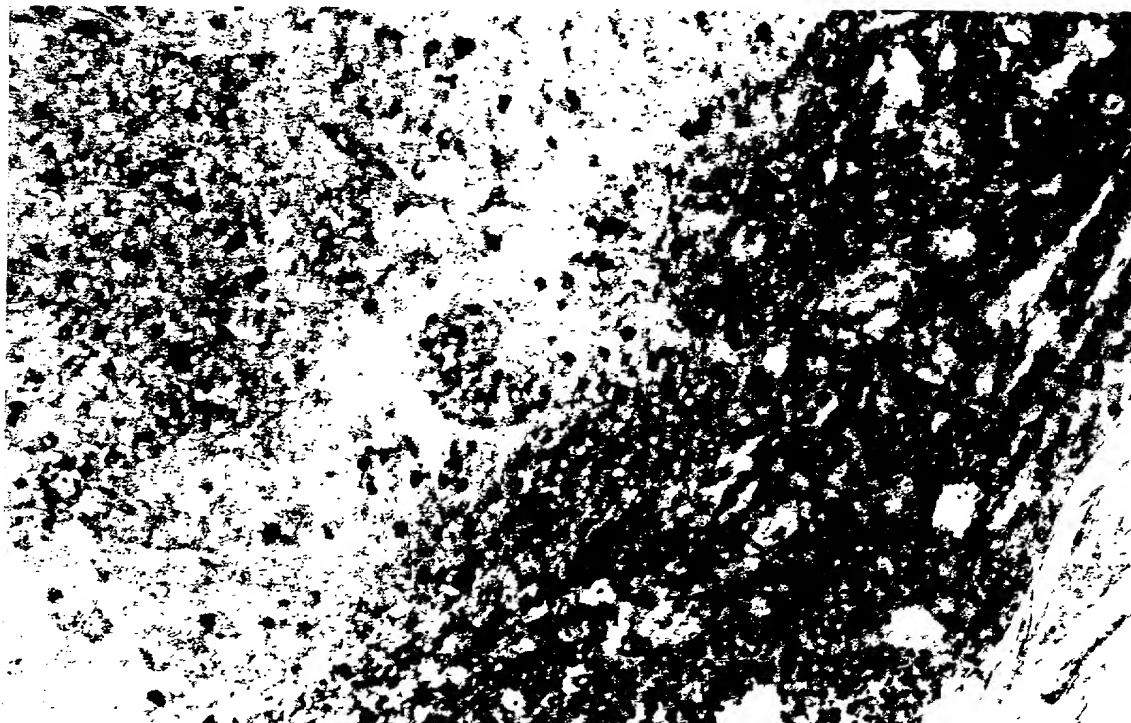
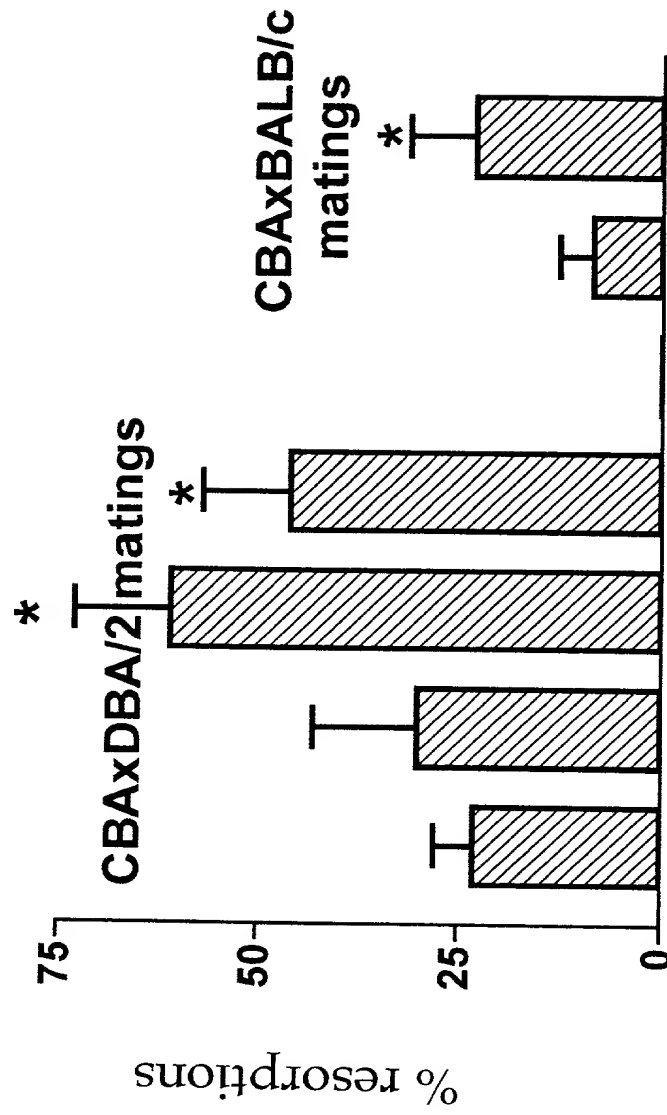


FIGURE 19

**Effect of anti-OX2 on
spontaneous abortions**



Day of infusion of anti-OX2

FIGURE 20

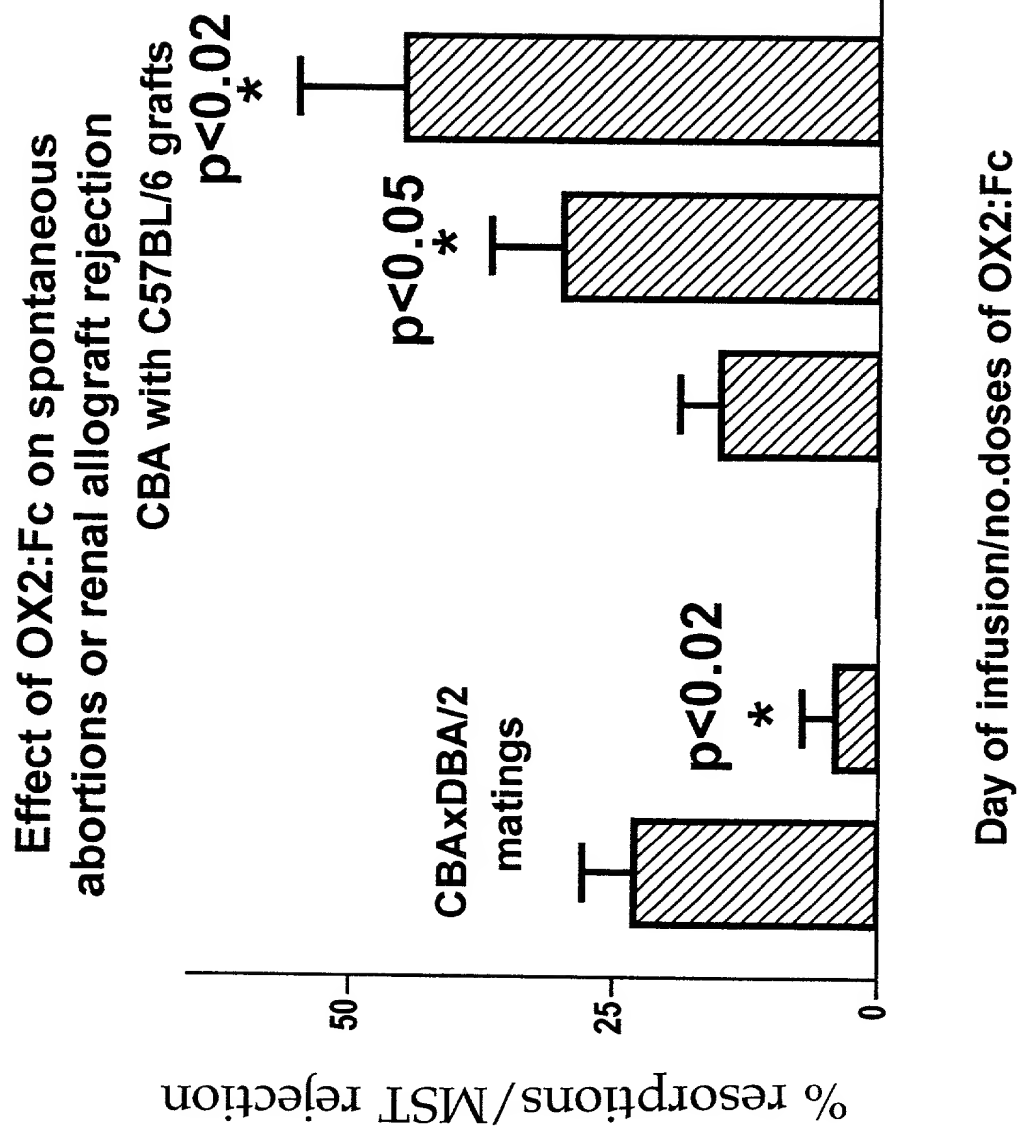


FIGURE 21

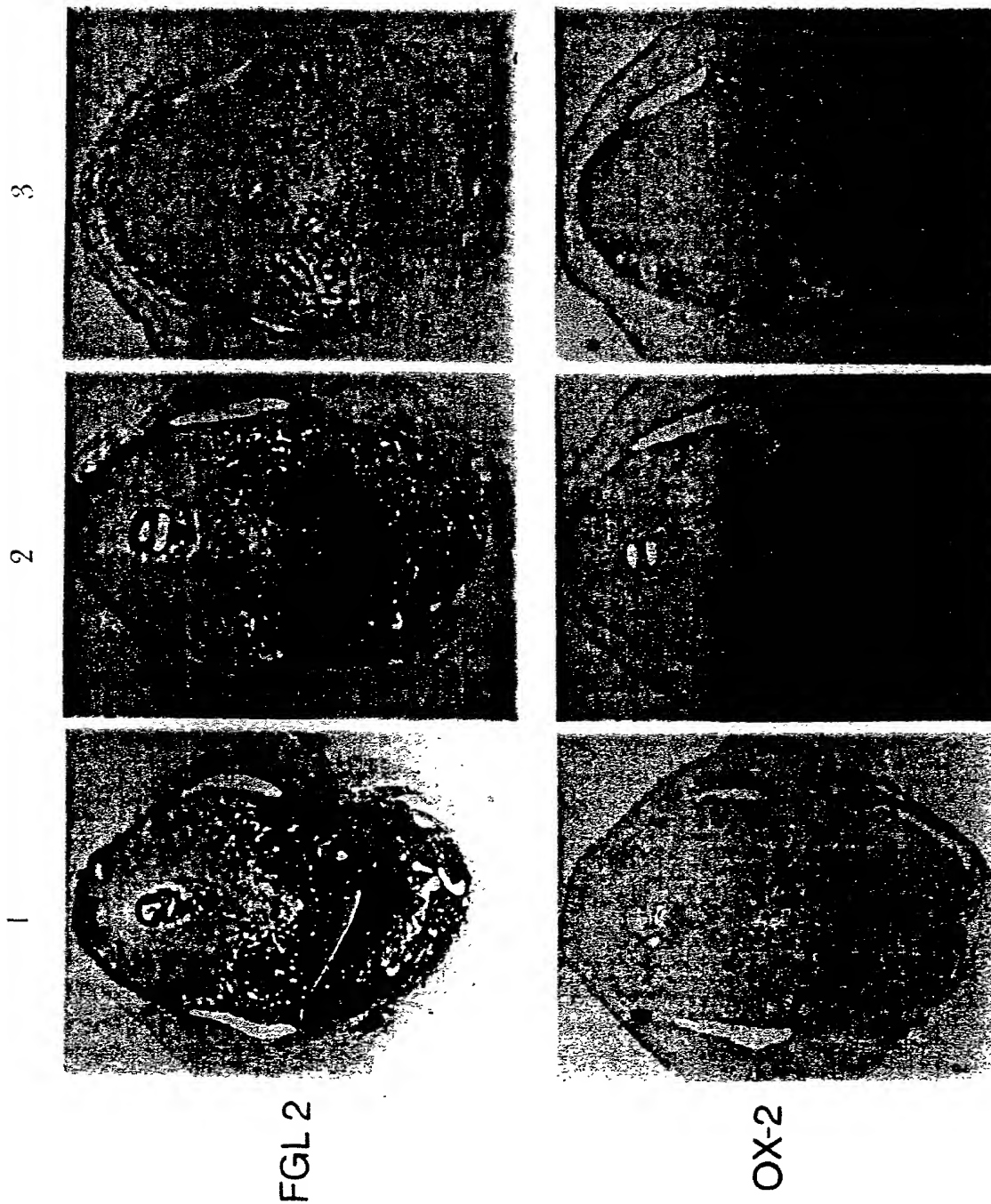
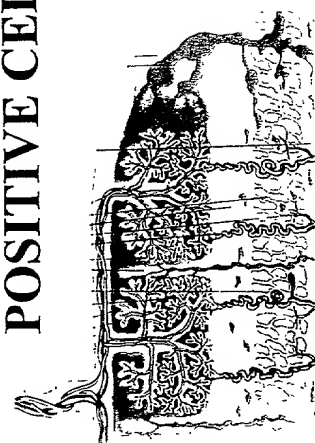


FIGURE 22

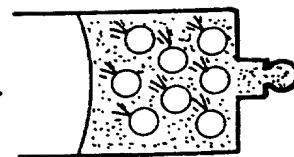
EXPRESSION OF OX-2 ON CYTOKERATIN- POSITIVE CELLS (TROPHOBLAST)



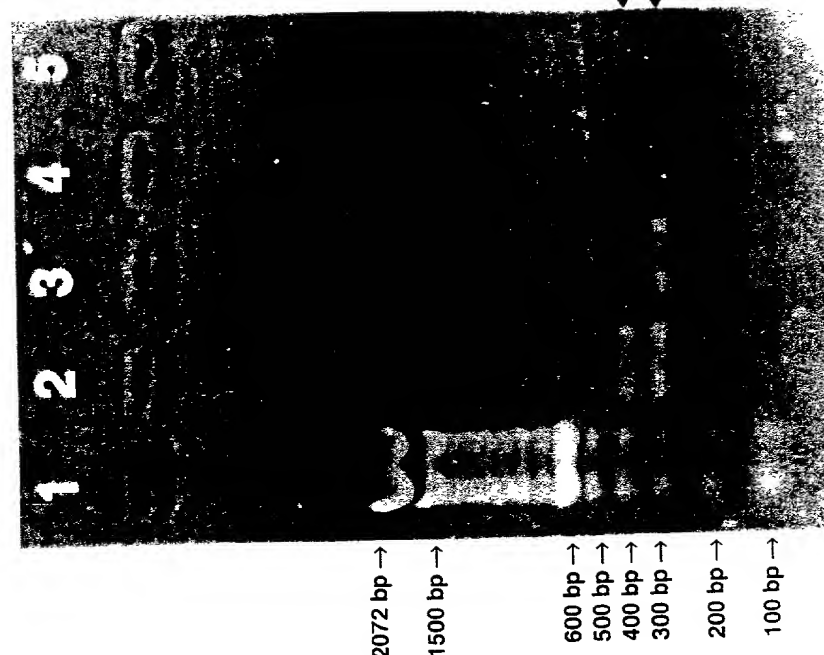
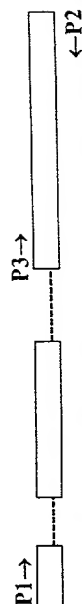
TERM PLACENTA
SUCCESSFUL GRAFT

↓
TROPHOBLAST CELL
SUSPENSION

↓
ANTI-CD 9



↓
CD 9⁻ TROPHOBLAST
CD 9⁺ STROMA



REC'D 16 346 660

FIGURE 23

EXPRESSION OF OX-2 ON CYTOKERATIN-POSITIVE CELLS (TROPHOBLAST)

